

ALIGNMENTS

RESULT 1

US-09-146-053-4/c
; Sequence 4, Application US/09146053A
; Patent No. 6399349
; GENERAL INFORMATION:
; APPLICANT: Ryan, James W.
; APPLICANT: Sprinkle, Terry Joe Curtis
; APPLICANT: Venema, Richard C.
; TITLE OF INVENTION: Human Aminopeptidase P Gene
; FILE REFERENCE: MCG103
; CURRENT APPLICATION NUMBER: US/09/146,053A
; CURRENT FILING DATE: 1998-09-02
; EARLIER APPLICATION NUMBER: 60/057,854
; EARLIER FILING DATE: 1997-09-02
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-146-053-4

Query Match 100.0%; Score 467; DB 4; Length 50000;
Best Local Similarity 100.0%; Pred. No. 3.1e-223;
Matches 467; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAATGTTGCTGCTATCCACCTCCCAAGCCCTTTACCTATGCTGCTGCTGCTGCTG 60
Db 1518 CAATGTTGCTGCTATCCACCTCCCAAGCCCTTTACCTATGCTGCTGCTGCTGCTG 1459
QY 61 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 120
Db 1458 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1399
QY 121 GTCTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
Db 1398 GTCTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1339
QY 181 TGTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 240
Db 1338 TGTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1279
QY 241 GAGAAAGTGGGGATGGCTTAAGAAAGCTGGAGATAGGAAAGAGAGAGAGAGAGAG 300
Db 1278 GAGAAAGTGGGGATGGCTTAAGAAAGCTGGAGATAGGAAAGAGAGAGAGAGAGAG 1219
QY 301 GGCTAGGGGGGCTGCTTATTTAAAGTGGTGTGTTATGATCTTATCTTATCTTATCA 360
Db 1218 GGCTAGGGGGGCTGCTTATTTAAAGTGGTGTGTTATGATCTTATCTTATCTTATCA 1159
QY 361 AGATATTAAAGCCCTGCTTCAATTAAGAAATGTTCCCTCCCTGCTGCTGCTGCTGCT 420
Db 1158 AGATATTAAAGCCCTGCTTCAATTAAGAAATGTTCCCTCCCTGCTGCTGCTGCTGCT 1099
QY 421 AGATTTCTGCTGTAATATGCTTTTATAATAACAGTTTAAAGCTG 467
Db 1098 AGATTTCTGCTGTAATATGCTTTTATAATAACAGTTTAAAGCTG 1052

RESULT 2

US-08-863-639A-31/c
; Sequence 31, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Key, C. T.

TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
NUMBER OF SEQUENCES: 95
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sheldon & Mak
STREET: 225 South Lake Avenue, 9th Floor
CITY: Pasadena
STATE: CA
COUNTRY: USA
ZIP: 91101
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: Corel WordPerfect 8 version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/863,639A
FILING DATE: May 28, 1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Joseph E. Mueth
REGISTRATION NUMBER: 20,532
REFERENCE/DOCKET NUMBER: 11859-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (626) 796-4000
TELEFAX: (626) 795-6321
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 36 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
US-08-863-639A-31
Query Match 5.4%; Score 25; DB 2; Length 36;
Best Local Similarity 100.0%; Pred. No. 0.0046;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 53 CGCTGCTGCTGCTGCTGCTGCTGCTGCT 77
Db 27 CGCTGCTGCTGCTGCTGCTGCTGCTGCT 3
RESULT 3
US-09-091-952A-15
; Sequence 15, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; APPLICANT: Gershon, Elliot S.
; APPLICANT: Badner, Judith A.
; APPLICANT: Goldin, Lynn R.
; APPLICANT: Berrettini, Wade H.
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Sanders, Alan R.
; APPLICANT: Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952A

Appendix A

Db 1381 TCTCCCCATATGCAATTGCTTAATGTAAACCTCTCTTTTGCCATGTTTCCATTCGCGCA 1440
Qy 1441 TCTTGAATTGCTTGTGTCAGCCCAATTCATTATCTATTAAACACTAATTGAG 1491
Db 1441 TCTTGAATTGCTTGTGTCAGCCCAATTCATTATCTATTAAACACTAATTGAG 1491

Search completed: March 20, 2004, 18:14:16
Job time : 6059.8 secs